

NICHOLLS STATE UNIVERSITY
PURCHASING DEPARTMENT
PO BOX 2052 University Station
104 Elkins Hall
Thibodaux, La 70310
Phone No. (985) 448-4038
Fax No. (985) 448-4921

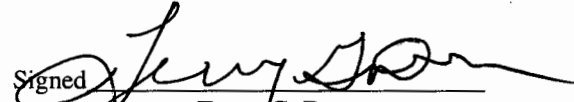
BID NO. **SB01412**

Date: **May 11, 2006**

EO/AA Employer, M/F/H/V

INVITATION, BID AND ACCEPTANCE

INVITATION: Sealed bids, subject to the conditions herein stated and attached hereto, will be received at this office until **3:00 P.M. on June 01, 2006** and then publicly opened for furnishing the items and/or services as described below for Nicholls State University.

Signed 
Terry G. Dupre
Interim Director of Purchasing

The right is reserved to reject all or part of your offer as well as to cancel this entire solicitation

DESCRIPTION

Wireless Solar Powered Emergency Call Box Stanchions as per attached bid specifications.....

INSTRUCTIONS: YOUR BID IS TO BE MADE ON THE ATTACHED FORM AND RETURNED WITH THIS "INVITATION" IN THE ENCLOSED ENVELOPE. 2. The University cannot accept bids or alterations by wire, phone or facsimile. 3. **ALL PRICES ARE TO BE QUOTED COMPLETE AND F.O.B. NICHOLLS STATE UNIVERSITY, THIBODAUX, LA.** 4. All prices assumed firm unless otherwise stated. 5. Any bid received after bid closing time will be returned unopened. 6. **As a state agency, the University is NOT liable for state sales tax enacted by the State Legislature and in effect at the time of issuance of the order.** 7. Do not include federal excise tax unless requested. 8. Unless otherwise specified all bids shall be binding for 30 calendar days from date of bid opening. 9. **FAILURE TO SIGN IN INK WILL BE CAUSE FOR BID NOT TO BE CONSIDERED.** 10. Additions for packing or other items not quoted will not be allowed.

BIDDER SHALL FILL IN ALL BLANK SPACES

Terms will be _____ and shipment will be made within _____ days of receipt of order.

BID

In compliance with the above invitation for bids and subject to the conditions thereof, the undersigned offers and agrees if this bid be accepted within _____ days from the date of opening to furnish any or all of the items (or sections) at the price set opposite each item (or section). (In case of a continuing contract this price shall remain in effect until _____.)

Bidder _____

Signed _____

Address _____

Title _____

Phone (____) _____

Date _____

Acceptance by NICHOLLS STATE UNIVERSITY, THIBODAUX, LOUISIANA

Accepted as to items numbered _____

Signed _____

Purchasing Office

P.O. Box 2052
Thibodaux, LA 70310
985.448.4038
Fax: 448.4921

NICHOLLS
STATE UNIVERSITY
A MEMBER OF THE UNIVERSITY OF LOUISIANA SYSTEM

May 11, 2006

**PUBLIC NOTICE
INVITATION TO BID**

Sealed bids will be received by the Purchasing Department, NICHOLLS STATE UNIVERSITY, Thibodaux, La. on **JUNE 01, 2006**, at **3:00 P.M.** for:

"SB01412 - Wireless Solar Powered Emergency Call Box Stanchions

At which time and place the bids will be publicly opened and read aloud. Any bid received after closing time will be returned unopened.

Copies of the specifications are on file in the Office of the Director of Purchasing, NICHOLLS STATE UNIVERSITY, Thibodaux, LA. The specification may also be obtained in electronic format by visiting the State of Louisiana, Office of State Purchasing, LaPAC Web Site, <http://wwwsrch2.doa.la.gov/osp/lapac/pubmain.asp>

No bid may be withdrawn after the scheduled closing time for receipt of bids for at least thirty (30) days.

The University reserves the right to reject any or all bids, and to waive any informalities.

Evidence of authority to submit the bid shall be required in accordance with R.S. 38:2212(A)(1)(C) and/or R.S. 39:1594(C)(2) (D).

An Equal Opportunity Employer.

NICHOLLS STATE UNIVERSITY
THIBODAUX, LOUISIANA



TERRY G. DUPRE
Interim Director of Purchasing

TO BE RUN: MAY 17, 2006

TO BE OPENED: MAY 17, 2006

**STATE OF LOUISIANA
NICHOLLS STATE UNIVERSITY
THIBODAUX, LOUISIANA**

The Nicholls State University (NSU) Purchasing Department will receive sealed bids until 3:00 P.M. on the bid opening date specified in the solicitation document. No bid responses will be considered by the NSU Purchasing Department received after 3:00 P.M. on the date specified. Beginning at that time, bids shall be publicly opened and read aloud to those present in the NSU Purchasing Department.

Mail address: Nicholls State University
Purchasing Department
P. O. Box 2052
Thibodaux, LA 70310

Delivery: Nicholls State University
Purchasing Department
906 East First Street
Room 104 Elkins Hall
Thibodaux, LA 70301

Bids submitted are subject to LA R.S. 39:1551-1736; Purchasing Rules and Regulations; Executive Orders; General Conditions; any Special Conditions; and Specifications listed in the solicitation document.

The purpose of this solicitation is to set forth the requirements and specifications of Nicholls State University. The contents of this solicitation and the Bidder/ Vendor/ Contractor's bid response shall become contractual obligations if a contract (purchase order) ensues.

INSTRUCTIONS TO BIDDERS

- 1) **Bid Forms:** All written bids, unless otherwise provided for, must be submitted on, and in accordance with, forms provided, properly signed in ink by an authorized representative of the bidding entity. Bid prices shall be typewritten or in ink. Bids submitted in the following manner will not be accepted: (1) bid contains no signature indicating intent to be bound; (2) bid filled out in pencil; (3) photocopy of bidder's signature; and (4) bid sent by facsimile equipment. Price alterations to bid responses received before bid opening time will be considered provided the written price alteration has been received and time-stamped before bid opening time. Any other alterations of the bid response form or foreign conditions attached thereto may cause rejection of the bid response without further consideration.
- 2) **Special Envelope:** To assure consideration, all bids should be submitted in the special bid envelope if furnished for that purpose. In the event bid contains bulky material, the special bid envelope should be firmly affixed to the mailing envelope.
- 3) **Standard of Quality:** Any product or service bid shall conform to all applicable Federal and State laws and regulations and specifications contained in the solicitation document. Unless otherwise specified in the solicitation document, any manufacturer's name, trade name, brand name, or catalog number used in the specifications is for the purpose of describing the quality level and characteristic required. Bidder should specify the brand and model number of the product offered in his bid. Bids not specifying brand and model number shall be considered as offering the exact products specified in the solicitation document.
- 4) **Descriptive Information:** Bidders proposing an equivalent brand or model should submit with the bid response information (such as illustrations, descriptive literature, technical data) sufficient for the University to evaluate quality, suitability, and compliance with the specifications of the solicitation document. Failure to submit descriptive information may cause bid to be rejected. Any change made to a manufacturer's published specification submitted for a product shall be verifiable by the manufacturer. If item(s) bid does not comply with specifications (including brand and/or product number), bidder should state in what respect the item(s) deviate. Failure to note exceptions on the response form will not relieve the successful bidder(s) from supplying the actual products requested.
- 5) **Bid Opening:** Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined 72 hours after request is made. Information pertaining to completed files may be secured by visiting the NSU Purchasing Department during normal working hours. Written bid tabulations will not be furnished.
- 6) **Louisiana Preference:** Preference is hereby given to products produced, manufactured, harvested, grown or assembled in Louisiana which are equal in quality to products produced, manufactured, harvested, grown or assembled outside of Louisiana. The bidder shall state his right to claim the ten percent (10%) preference in his bid response on the form provided and the bidder should state the respective Louisiana location where each qualifying item is produced, manufactured, harvested, grown or assembled.
- 7) **Signature Authority:** In accordance with LA Revised Statute 39:1594 (Act 121), the person signing the bid must be: (1) A current corporate officer, partnership member or other individual specifically authorized to submit a bid as reflected in the appropriate records on file with the Secretary of State; or (2) An individual authorized to bind the vendor as reflected by an accompanying corporate resolution or affidavit. By signing the bid, the bidder certifies compliance with the above.

-Continued-

-Continued-

GENERAL CONDITIONS

The NSU Purchasing Department reserves the right to award items separately, grouped or on an all-or-none basis and to reject any or all bids and waive any informalities.

- 1) **Prices:** Unless otherwise specified in the solicitation, bid prices shall be complete, including transportation and handling prepaid by the bidder to destination - NSU, Thibodaux, LA. Bids other than FOB destination may be rejected. Bid prices should be quoted in the unit of measure stated. Bid prices shall be firm for a minimum of thirty (30) calendar days, unless otherwise specified by NSU in the solicitation document.
- 2) **Payment Terms:** Cash discounts for less than 30 days may be offered, but will not be considered in determining awards. Bids containing "payment in advance" or "COD" requirements may be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
- 3) **Delivery:** Bids may be rejected if the delivery time indicated is longer than that specified in the solicitation document.
- 4) **Taxes:** Bidder is responsible for including all applicable taxes in the bid price. The University is currently exempt from Louisiana State Sales and Use Taxes, and local parish and city taxes. An exemption certificate for state sales and use tax can be provided upon request.
- 5) **New Products:** Unless specifically called for in the solicitation document, all products for purchase must be new, never previously used, and the current model and/or packaging. No remanufactured, demonstrator, used or irregular product will be considered for purchase unless otherwise specified in the solicitation document. The manufacturer's standard warranty will apply unless otherwise stated in solicitation.
- 6) **Default of Contractor:** Failure to deliver within the time specified in the solicitation document will constitute a default and may cause cancellation of the contract. Where the University has determined the contractor to be in default, the state reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
- 7) **Contract Cancellation:** The University shall have the right to cancel any contract, in accordance with Purchasing Rules and Regulations, for cause, including but not limited to, the following: (1) failure of the vendor to deliver within the time specified in the contract; (2) failure of the product or service to meet specifications, conform to sample quality, or to be delivered in good condition; (3) misrepresentation by the contractor; (4) fraud, collusion, conspiracy or other unlawful means of obtaining any contract with the state; (5) conflict of contract provisions with constitutional or statutory provisions of state or federal law; (6) any other breach of contract.
- 8) **Applicable Law:** All contracts shall be construed in accordance with and governed by the laws of the State of Louisiana.
- 9) **Equal Opportunity:** By submitting and signing this bid, bidder agrees that he will not discriminate in the rendering of services to and/or employment of individuals because of race, color, religion, sex, age, national origin, handicap, disability, veteran status, or any other non-merit factor.
- 10) **Bid Bonds:** If a bid bond is required, a bid bond must be submitted for each separate bid response

FOR THIS BID SOLICITATION:

BID BOND REQUIRED: _____ Yes ☒ No

PERFORMANCE AND PAYMENT BOND REQUIRED: _____ YES ☒ NO

PURCHASE WILL BE EXECUTED WITH: ☒ Purchase Order Only

_____ Purchase Order and Formal Two Party Contract

A Member of the University of Louisiana System

Rvsd. 3/05

**NOTICE TO BIDDERS: ITEMS PURCHASED THAT ARE PRODUCED,
MANUFACTURED, ASSEMBLED, GROWN, OR HARVESTED IN LOUISIANA
ARE SUBJECT TO PREFERENCE LAWS, SEE BELOW.**

SPECIAL CONDITIONS

BID NUMBER: SB01412

BID OPENING: June 01, 2006

In accordance with the Louisiana Revised Status 39:1595, a preference of 10% may be allowed for products produced, manufactured, grown or assembled in Louisiana of equal quality.

DO YOU CLAIM THIS PREFERENCE? YES _____ NO _____

SPECIFY ITEM NUMBER(S) _____

Specify location within Louisiana where this product is produced, manufactured, grown or assembled:

FAILURE TO SPECIFY ABOVE INFORMATION MAY CAUSE ELIMINATION FROM PREFERENCES.

Bidder shall provide with bid detailed information as to how the item qualifies for this preference.

This preference may be allowed if all of the following conditions are met:

- 1) The cost of such item(s) does not exceed the cost of other items which are manufactured, processed, produced, or assembled outside the state by more than 10%***
- 2) The vendor of such Louisiana items agrees to sell the items at the same price as the lowest bid offered on such items.***
- 3) In cases where more than one bidder offers Louisiana items which are within ten percent of the lowest bid, the bidder offering the lowest bid on Louisiana items is entitled to accept the price of the lowest bid made on such items.***

CONDITIONS OF PURCHASE

The following conditions, unless otherwise stated in the bid document, will apply to all purchase orders:

Merchandise must be accompanied by delivery slip or shipping list showing items shipped or delivered and the purchase order number. THE PURCHASE ORDER NUMBER must appear on all invoices, delivery memoranda, bills of lading packages and correspondence.

The University is not responsible for goods delivered or work done without a written order. No allowance for boxing or crating. Unauthorized quantities in excess of this order will be returned or held subject to shipper's order, expense and risk.

Contractor warrants that the merchandise to be furnished hereunder will be in full conformity with the specifications, drawing or sample and agrees that this warranty shall survive acceptance of the merchandise and that contractor will bear the cost of inspecting rejected merchandise.

All rejected goods will be held at contractor's risk and expense, subject to contractor's prompt advice as to disposition. Unless otherwise arranged, all rejected goods will be returned at contractor's expense.

Contractor will, at its expense defend the University against any claim that any merchandise to be furnished hereunder infringes a patent or copyright in the United States or Puerto Rico, and will pay all costs, damages and attorney's fees that a court finally as a result of such claim.

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Nicholls State University is soliciting bids to procure thirty-four (34) Wireless-Solar Powered Emergency Call Box Stanchions as per the following specifications

Call 24 C24-14ST2 D1-V, or equal, Emergency Call Box Stanchions shall consist of the following items:

- 1) Call box as specified
- 2) 5" Round Pole, brushed aluminum, anchor mounted type, with three emergency identification decals, constant locator light, and high intensity strobe
- 3) Solar panels with mounting brackets.

The successful bidder shall also provide a desk mounted base encode controller device

SECTION 1.00 COMMUNICATIONS, ALARM, & CONTROLS LOGIC

A. Radio frequency, General Radio System Specifications

- 1.01 shall signal through any conventional or trunking two-way radio system and shall have a frequency range to include VHF, UHF, 800 & 900 MHz. Call box frequencies shall be 25 and 12.5 kHz programmable. (To include any simplex, repeater, or trunking radio system)
- 1.02 provide call boxes that operate through any Land Mobile Radio-industry protocol, including E.F. Johnson-LTR, M/A-Com EDACS, Motorola-Smartzone, Smartnet, PrivacyPlus, Astro-Digital, or Passport™ trunking protocol.
- 1.03 be monitored, controlled, and provide communications through base, mobile, and/or portable land mobile radio system. The successful bidder shall be provided with the Nicholls State University Campus Police 150 Mhz radio system Frequency for programming purposes.

B. Wireless Voice Communication & Call Box Signal Sequence

- 1.04 upon initial push button activation, provide call boxes that automatically amplify a programmable voice greeting announcement to the caller. Ex. *"Please stand by, your call has been sent"*.
- 1.05 upon initial push button activation, a bright easily identifiable front panel signal light shall illuminate on the call box to provide a visual indication that the call for help is being sent. This helps meet the needs of the hearing impaired as well.
- 1.06 after the automatic push button voice greeting, the call box will automatically transmit a programmable voice call alert message to monitoring personnel over base, mobile, and/or portable radio. This voice call alert message shall contain at minimum a programmable "assistance needed", "emergency", etc. type prompt, physical location ID, and a secured Call Box ID control Code number over the radio channel being monitored.

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- 1.07 after the call for help is received by security, a bright easily identifiable front panel signal light shall illuminate on the call box to provide a visual indication that the call for help has been received. This also helps meet the needs of the hearing impaired.
- 1.08 upon call alert receipt, provide call boxes with TWO-WAY voice COMMUNICATIONS. In the event that a caller can not talk back for any reason, security shall be able to initiate a “hands-free” listen mode while simultaneously maintaining contact with the caller.
- 1.09 upon call completion, provide a call box that automatically resets from talk mode to standby/idle mode after a customer specified programmable amount of time. Security shall also have the ability to remotely reset/terminate a call box call at any time.

C. Talk-Mode Access Programming

- 1.10 provide call boxes that possess the programmability to not automatically enter a Talk-Mode after the Push-for-Help and Tamper voice alerts are transmitted over the radio channel being monitored. This is referred to as SecureCall™, or equal, software programmability. This enables security to (1) effectively manage caller communication response with respect to current channel status, (2) maintain positive security control of the radio channel, and (3) grants caller privacy during multiple call scenarios.
- 1.11 provide call boxes that possess the programmability to automatically enter Talk-Mode after the Push-for-Help voice alert message is transmitted over the radio channel being monitored. This is referred to as AutoActivate™, or equal, software programmability.

D. Standard Wireless Call Box Voice Alerts and Alarm Logic

- 1.12 provide call boxes that automatically transmit a programmable push button voice alert message to monitoring personnel over base, mobile, and/or portable radio. This alert call message shall at minimum include a "assistance needed", "emergency" etc. type prompt, physical location ID, and a secured Call Box ID Code over the radio channel being monitored.
- 1.13 provide call boxes that automatically transmit a programmable tamper voice alert message when a vandalism or tampering episode is taking place to monitoring personnel over base, mobile and/or portable radio. This alert call message shall be locally silent and at minimum include a "tamper alert" type prompt, physical location ID, and a secured Call Box ID Code number over the radio channel being monitored. The call box shall not need to sense repetitious vandalism or tampering to automatically re-send the tamper alert message. In addition, once the tamper alert is received security shall in this mode be able to initiate verbal deterrent warnings to the person doing the tampering through the call box speaker or security can surreptitiously listen around the call box area to gather information. The vandal perpetrator has no indication that they have tripped the discrete alarm and that security has been notified.

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- 1.14 contain programming flexibility to have the Push for Help and Silent Tamper Alerts repeat initially any number of times, then continue repeating automatically on a programmable cycle specified by the customer until security communication and physical security response is made. Alert repeat cycles shall be programmable and specified by the University, ex. 30, 45, 60, 90 seconds.
- 1.15 system shall not allow a call box when in Talk Mode to repeat its Push for Help Alert over the channel while two-way communications with a caller are in progress. Likewise when in Talk-Mode, shall not allow a Tamper Alert to repeat over the channel while security is making a verbal warning to a vandal through the call box. In summary, once a call box has been activated into a Talk Mode, answered by security, and two-way communications are in progress the call box shall cease sending all alarms over the radio channel.
- 1.16 provide call boxes that transmit a programmable Battery Maintenance Voice Alert that servicing of the power supply, charging circuit, or back-up battery is needed over the base, mobile, and/or portable radio channel. The call box shall also transmit a programmable Maintenance-Test Voice Alert message to monitoring personnel when a unit is being tested over Base, Mobile, and/or Portable Radio.
- 1.17 provide call boxes with a built-in Camera (CCTV) Alarm Circuitry that allows for a wireless alarm signal to be generated for pre-setable surveillance cameras. At a minimum, this wireless alarm signal shall be generated from the "Push for Help" and "Tamper" alert modes. Provide circuitry only for possible stanchion modification by the University to be made later by adding cameras. Cameras are not part of this solicitation.

E. REMOTE CONTROL FEATURES

STANDARD REMOTE CONTROL FEATURES

- 1.18a upon receiving a call box alert, the call box shall allow a security officer or dispatch telecommunicator to remotely control the connect/enable Talk Mode function of the call box. This means security has positive control of the call box caller's ability to access the channel to talk. Once this remote control has been activated the caller will be given access to the channel and two-way communications enabled.
- 1.19b provide call boxes that enable security to initiate a remote control hands-free listen mode that enables security to listen to a wide area around the call box hands-free, for a programmable amount of time, 5sec., 10sec., 15sec. etc. This is often used in the event that a caller does not return communications after placing a call and security is concerned that a duress medical or criminal event is taking place and security wants to survey the audio around the call box station to pick up cries for help from a distance. This mode can be activated any number of times and reverts back to Talk Mode so security can maintain uninterrupted communications contact with the caller until a physical response is made to assist the caller.
- 1.20c once a call for help has finished, the call box shall allow security the ability to remotely reset or disconnect a caller from the call box during Talk Mode. The remote control reset/disconnect function shall be able to be initiated over a call boxes Tamper Alert mode, Test mode, or Select Call/Call Back modes as well. Additionally, the call box shall also have built-in programmable circuitry that will automatically reset a call box from Talk mode to standby (idle) mode, after a customer specified programmable amount of time. Auto-reset can be relied upon as a primary method of call box resets if simpler reset control is desired, the auto-reset feature secures radio frequency traffic in case there is error in remotely resetting a call box.

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- 1.21d call boxes shall be able to re-enter Talk mode by receive a security initiated remote control call back while in standby (idle) mode. This allows security the ability to remotely re-initiate two-way communications with a caller or to provide additional directive as a follow up to the caller.
- 1.22e while the call box is in any mode including standby (idle) or tamper modes, shall allow security the ability to initiate a select call to an individual call box at any time. This shall place the call box into Talk Mode and allow security to initiate communications to a person at a call box at anytime. Likewise, be able to call a call box station and warn someone away from a call box area if a tamper/vandalism alert is received.
- 1.23e while the call box is in any mode, including standby (idle) mode, the call box shall be enabled so security can remotely call All System call boxes into a Talk mode at the same time, otherwise known as an All-Call (system wide intercom) from any portable, mobile, and base control radio to make local public address announcements. This mode shall be remotely enabled by security without any public user initiated action required.
- 1.24e while the call box is in any mode, including standby (idle) mode, the call box shall be enabled so security can remotely call a group of Call Boxes (2 or more) into a Talk Mode at the same time, otherwise known as a "Group Call" (zone intercom) from any portable, mobile, and base control radio to make local public address announcements. This mode shall be remotely enabled by security without any public user initiated action required.

<p>*during "All Call" (system-wide intercom) or "Group Call" (zone intercom) modes activation, the call boxes shall enable security and the people at the activated call box stations to communicate interactively with one another.</p>
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- 1.25f while a call box is in standby (idle) mode, the call box shall be enabled so security can remotely activate a call box into a wide-area listen mode for a programmable amount of time, 5sec., 10sec., 15sec. etc. This feature can be used, when viewing CCTV, to monitor the audio around the call box surreptitiously during a criminal or potential criminal event. This mode is also often used, in case a call box has auto-reset while a push for help call or tamper episode is still in progress and security wants to simultaneously monitor the audio around the call box while making the physically security response. This wide-area listen mode can be activated any number of times and after timing out, the call box shall revert back to the mode it was in prior to its activation.
- 1.26g while a call box is in standby (idle) mode, the call box is to be enabled so security can activate a remote maintenance test to check in on a call box unit. This can be activated at any time security wishes to schedule it, or it can be done at-will.
- 1.27h while the call box is in any mode, including standby (idle) mode, the call box is to be enabled so security can remotely call any call boxes into a loud PA Speaker Mode. This mode shall be programmable so security can either selectively activate individual call box PA units or ALL call box PA units. Additionally, each individual unit shall be volume adjustable, so volume settings can be made in consideration to each units environment. The call box PA speaker shall be at minimum 30 watt capable.

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- 1.28i while the call box is in Talk mode or standby (idle) mode, the call box is to be enabled so security can remotely activate a switch relay, this switch can then be integrated into remotely opening a gate or other secured access point. Then if necessary, a remote de-activation of the switch relay can also be controlled.

SECTION 2.00, CALL BOX STRUCTURAL, (and Meeting the Needs of the Disabled)

- 2.00 have a rugged, vandal resistant, and weatherproof (all weather) enclosure made of stainless steel and tempered aluminum for optimal long-term corrosion resistance and material stability, non-deforming.
- 2.01 the only call box external moving mechanism the caller shall have to interact with in order to place a call and then communicate shall be a one-step push button process.
- 2.02 the call box shall NOT have a door required to be open to access push button and caller instruction.
- 2.03 the call box shall not have any shield barriers to push button access. A full 180 degree push button accessibility must be maintained with push button being fully exposed. No portion of the call box will require the use of a caller to have to stick their finger through a slot or hole to initiate a push button for activation, or then to communicate to security.
- 2.04 provide call boxes that have completely sealed call box audio ports and a perforated stainless steel protection shield built into the audio port of the call box to protect the audio speaker assembly, this also serves to keep a vandal from probing an object into call box. These keep any insects from entering through this audio port.
- 2.05 provide call boxes that have large louvered audio port openings for superior voice and speaker audio volume and clarity.
- 2.06 each call box enclosure shall self-contain all electrical, electronics, batteries, and all options that pertain to the call box.
- 2.07 provide call boxes that allow for ease of access for authorized personnel if needing to access rechargeable battery and electronics through a tamper resistant stainless steel hinged front panel which is secured by special security screw fasteners.
- 2.08 provide call boxes that have a tamper resistant antenna built on top of the call box.
- 2.09 provide call boxes with all speaker and microphone ports that are water tight and have waterproof mylar coverings.
- 2.10 provide aluminum 5”in. diameter round poles that are capped, with electrical hand hole access. Poles are to be a minimum of 12’ft above finished grade anchor mounted style. All anchor mounting hardware to include bolts, nuts, washers, and bolt head cap covers, shall be provided by the successful bidder to the University. Poles are shall be brushed aluminum and shall include three decals that clearly identify the call box stanchion as an emergency stanchion from at least 50 feet away. Minimum of three decals affixed to the pole so that they can be viewed 120 degrees.

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- 2.11 provide call boxes that meet the needs of the disabled including grade 2 raised letter and Braille, and an automatic caller greeting amplification from the call box once the Push-for-Help button has been activated for the visually impaired.
- 2.12 provide call boxes that meet the needs of the disabled including complete activation and operation from a one step use of a single push button. No door barriers to push button access.
- 2.13 provide call boxes that meet the needs of the disabled including, two dual color front panel LED call status signal lights. One panel indicator light for signaling to the caller that the call for help has been sent and another light for signaling to the caller that the call for help has been received, help is on the way, and two-way communication can begin with security for the hearing impaired. The call status wording "Call Sent" and "Call Received" shall be placed in respect to these call box front panel signal lights. The larger size specified above with reflective lens allows the caller to see the light illuminate from a full 180 degrees. Also required is the use of LED panel lights due to their 100,000-hr life expectancy.

SECTION 3.00 ELECTRICAL (AC & Solar), Charging & Battery Performance

- 3.00 on Solar or DC supply voltage, directly accommodate clean supply voltage to power the call box.
- 3.01 On Solar or DC supply voltage have all call box wiring, power supplies, fuses, and regulator be self-contained within the call box enclosure.
- 3.02 on Solar or DC supply voltage provide a SunCharge™, or equal, power supply system that maintains Battery Back-up power to the call box station. The system will operate a call box including Locator Beacon, Strobe Lighting, and Pendant Receiver options. Power supply system will provide a min. of 24 days of battery back-up autonomy on a single charge.
- 3.03 Provide photovoltaic modules (solar panels) that are Factory Mutual (FM) Research certified. Solar Panels shall be mounted 10 ft or more from bottom of stanchion.
- 3.04 provide each call box with one rechargeable Gel-Cell battery, with and expected life of approximately 2 to 3 years.
- 3.05 provide call boxes that notify battery maintenance condition via a voice message alert that servicing of the power supply, charging circuit, or back-up battery is needed over base, mobile, and/or portable radio. This voice alert notification is to provide a battery maintenance alert that comes initially before battery failure, then repeats on no less than 30 minute intervals for significantly reducing frequency transmit cycles and duration, therefore optimizing channel availability status.
- 3.06 All power backup batteries shall be self-contained inside the call box enclosures low-voltage compartment protected by the tamper alarms.
- 3.07 Call box shall remain operable for a minimum of 18 to 24 hours after sending the initial 1st battery maintenance alert.

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SECTION 4.00, LIGHTING OPTIONS & Reflective Identification Markings

- 4.00 provide a call box that will operate all BlueStar™, or equal, lighting and Strobe options from one Solar power source and lights shall be powered by the call box.
- 4.01 provide BlueStar™, or equal, LED Night Light Locator Beacon and High Intensity Blue Flash Strobe Light that are designed into one self-contained all-weather assembly with matching Lexan fresnel lenses.
- 4.02 the LED night light beacon portion of the station, shall include a 24 LED BlueStar™ array, to be rated for 100,000 hr burn time which translates into a 10 year life expectancy of or 20 years when operated from Solar or dusk-to-dawn circuit.
- 4.03 the High Intensity Blue Flash true-Strobe is to have a 60 fpm, (flash per minute) rating at 600,000 candlepower and is triggered automatically when the push for help button is activated. *(a light bulb that turns on an off, or twirling light is not an acceptable alternative to a high intensity strobe)* This aids in creating an optimal umbrella of protection for the caller and serves as a deterrent to any perpetrator the instant the call box push button is activated. When the tamper alarm mode is activated, the call box shall be field programmable to either activate the Strobe ON or OFF. Strobe ON in Tamper immediately begin flashing the instant a tamper episode is detected. Strobe OFF allows security to make a covert response to the call box so the person tampering with the unit has no idea they have sent the alarm off, then the strobe can be programmed to stay off.
- 4.04 provide the LED Night Light Locator Beacon and High Intensity Flash Blue Strobe Light in a self-contained side-mount all-weather aluminum assembly for retrofitting to the side of an existing light pole or wall. To™ Light will operate either continuously or dusk-to-dawn depending on when the AC call box supply volts are “ON” at the call box. The strobe shall activate 24 hours a day when a push button or tamper alarm is activated.
- 4.05 provide call boxes that are clearly labeled with large designated identification text and with large easy to read text instructions, that are not blocked from view (ex. from an enclosure door), and easily recognized as a security/call box device, using bold, highly reflective fasson material that is clear vinyl laminated. At a minimum decal markings will cover three call box sides. Three standard types of decals identifying “Callbox”, “Assistance”, or “Emergency” are available. The University shall choose all signage and wording.

SECTION 5.00, OTHER SYSTEM OPTIONS

- 5.00 program each call box with Carrier Operated Relay (COR), which enables each call box to self-monitor its assigned radio channel and send the call box alert signals after the channel is clear.
- 5.01 provide a desk mounted base encode controller device that can initiate the remote controls to the call boxes. This device is not required for monitoring and controlling basic call box operations, however it is needed to access the advanced remote control features of the wireless call box system.
- 5.02 provide University with a comprehensive maintenance parts replacement kit to be included in total price of the stanchion cost.

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SECTION 6.00, AUTHORIZED THIRD PARTY TESTING CERTIFICATION

- 6.0 provide a copy of an authentic certificate of compliance is to be included in any IFB or RFP. The certificate of compliance is to be supplied from a recognized 3rd party testing laboratory such as CSA, UL, or MetLab. The certificate of compliance must indicate that the model number offered in the bid proposal has been tested and is officially listed for use in the United States. All applicable AC or Solar DC voltages call box models referred to in this specification must appear on this certificate. Additionally, for AC & DC (solar) models, an Alarm Signaling Appliance Standards compliance shall also be listed and included on the authentic certificate.

SECTION 7.00, PROGRAMMING & SET-UP

- 7.00 all call boxes shall be delivered with control board data and voice alarming parameters pre-programmed, and activated according to the customers remittance of the programming and order set-up forms. Radio frequencies are to pre-programmed for the ease in commissioning each call box in the field.
- 7.01 provide field programmable voice alert messages including the following; caller auto-greeting, alert type prompts, location ID, silent tamper, battery maintenance, and push button ID messages transmitted by the call box. Comprehensive field programmability of all data parameters is also required. Both voice alert messages and data parameter programming is to be field programmable and field re-programmable. The field programmable feature shall be enabled and designed for simple ease-of-programming access/ease-of-use by security/police personnel.

SECTION 8.00, MANUFACTURER PRODUCT WARRANTY

- 8.00 provide call box system that has a standard 2-year parts and labor product warrantee from date of shipment.

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ITEM 1: Call 24 C24-14ST2 D1-V, or equal, Emergency Call Box Stanchions shall consist of the following items:

- 1) Call box as per specifications
- 2) 5" Round Pole, brushed aluminum, anchor mounted type, with three emergency identification decals, constant locator light, and high intensity strobe, as per specifications
- 3) Solar panels with mounting brackets as per specifications.

34 EACH @ \$_____ EACH = TOTAL \$_____

ITEM 2: Desk mounted base encode controller device

1 EACH @ \$_____ EACH = TOTAL \$_____

TOTAL NET LUMP SUM ITEMS 1 & 2: \$_____

THIS BID SHALL BE AWARDED BASED ON LOWEST TOTAL SET LUMP SUM OF ITEMS 1 AND 2

INSTALLATION OF THE STANCHIONS SHALL BE COMPLETED BY THE UNIVERSITY

BID PRICES MUST INCLUDE ALL SHIPPING COSTS FOR DELIVERY TO NICHOLLS STATE UNIVERSITY

THE BRAND NAMES SPECIFIED ARE USED ONLY TO DESCRIBE THE STANDARD OF QUALITY, PERFORMANCE, AND CHARACTERISTICS DESIRED AND IS NOT INTENDED TO LIMIT OR RESTRICT COMPETITION. HOWEVER, IF BIDDING AN "EQUIVALENT" TO BRAND SPECIFIED IT IS MANDATORY THAT BIDDER FURNISH WITH BID DETAILED LITERATURE AND/OR SPECIFICATIONS TO BE USED IN EVALUATION OF PRODUCT. FAILURE TO SUBMIT SAID INFORMATION MAY BE CAUSE FOR BID NOT TO BE CONSIDERED.

BID SUBMITTED BY:_____
(Please Print or Type Name)

NAME OF FIRM:_____